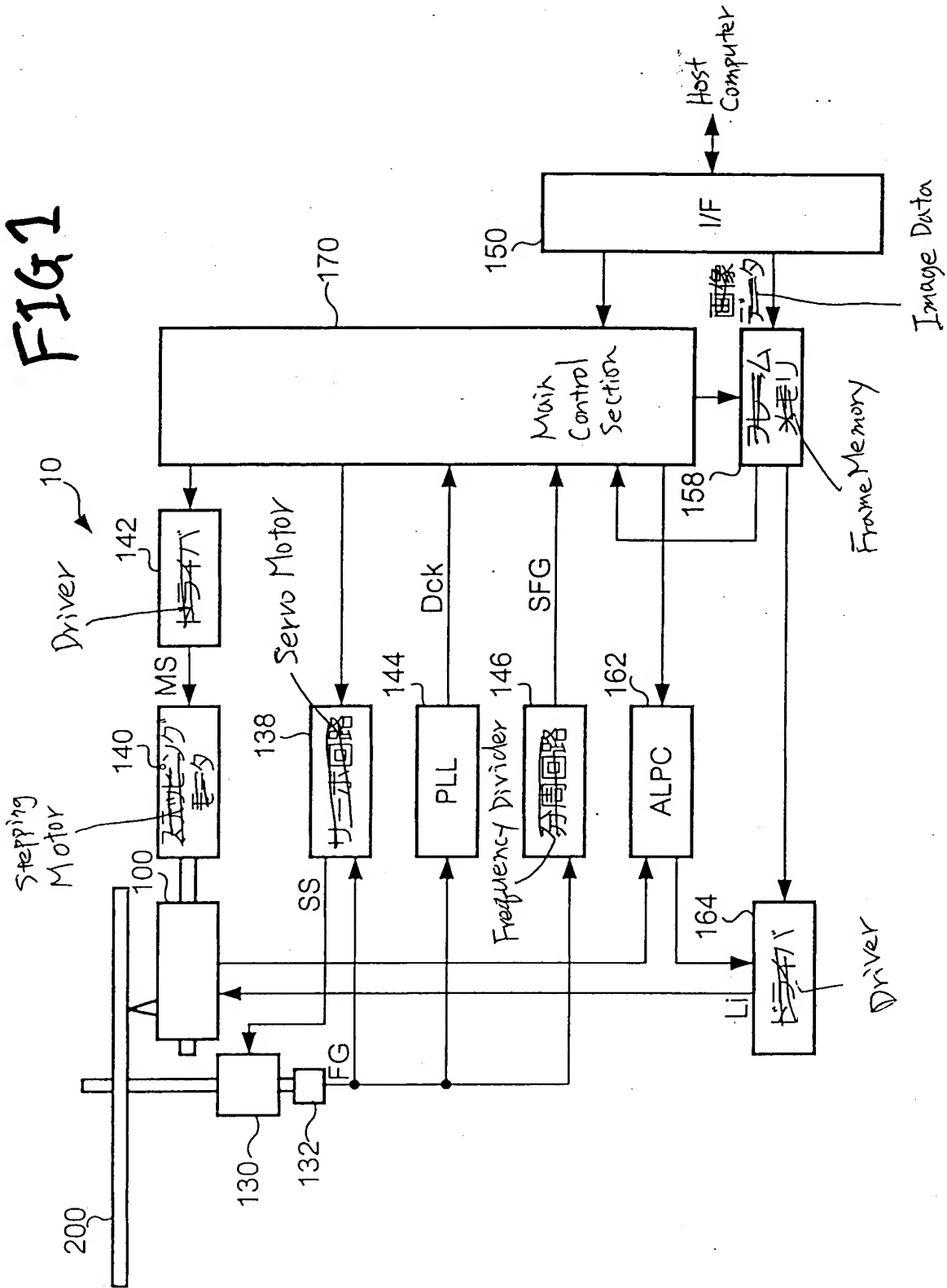


FIG. 1



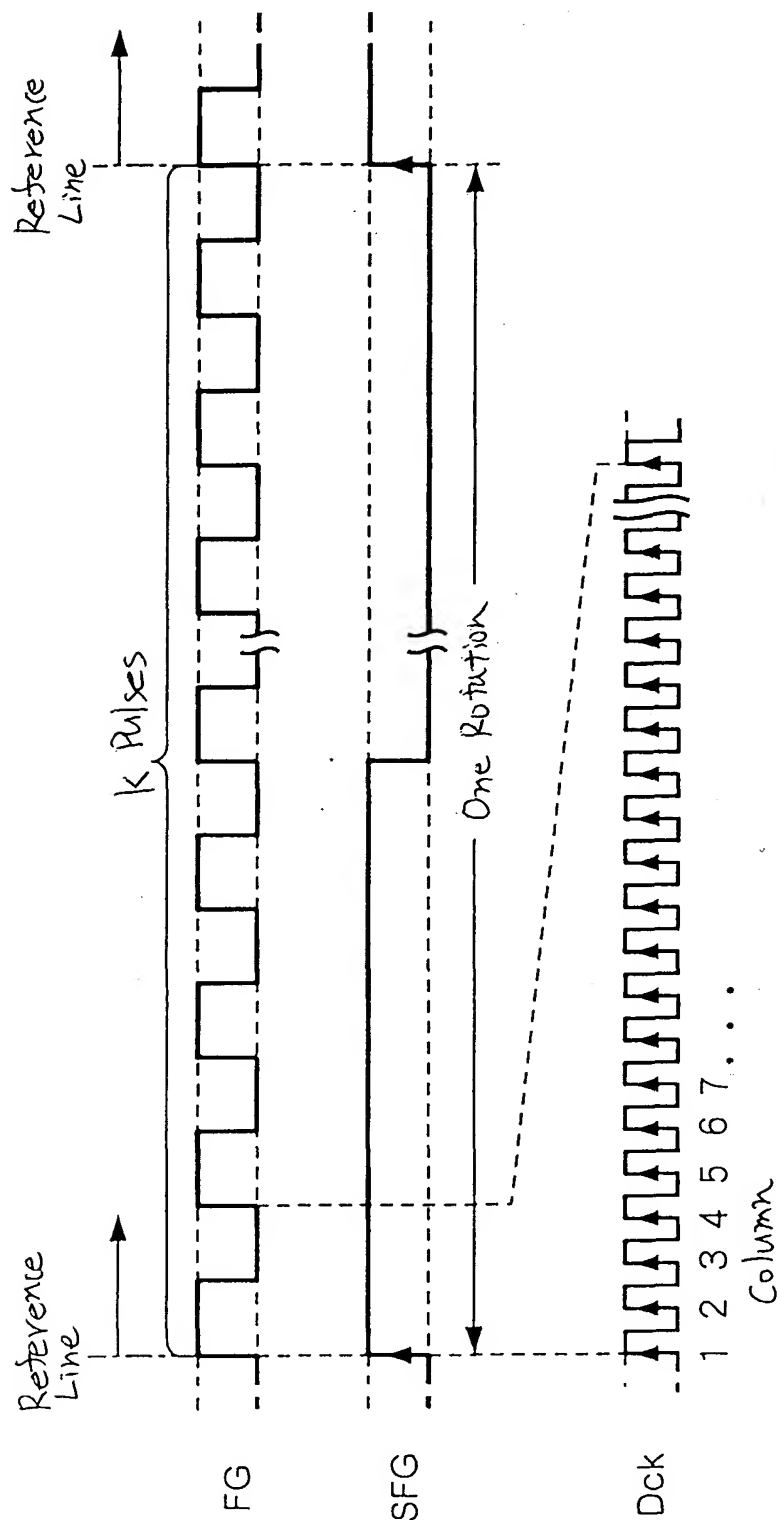
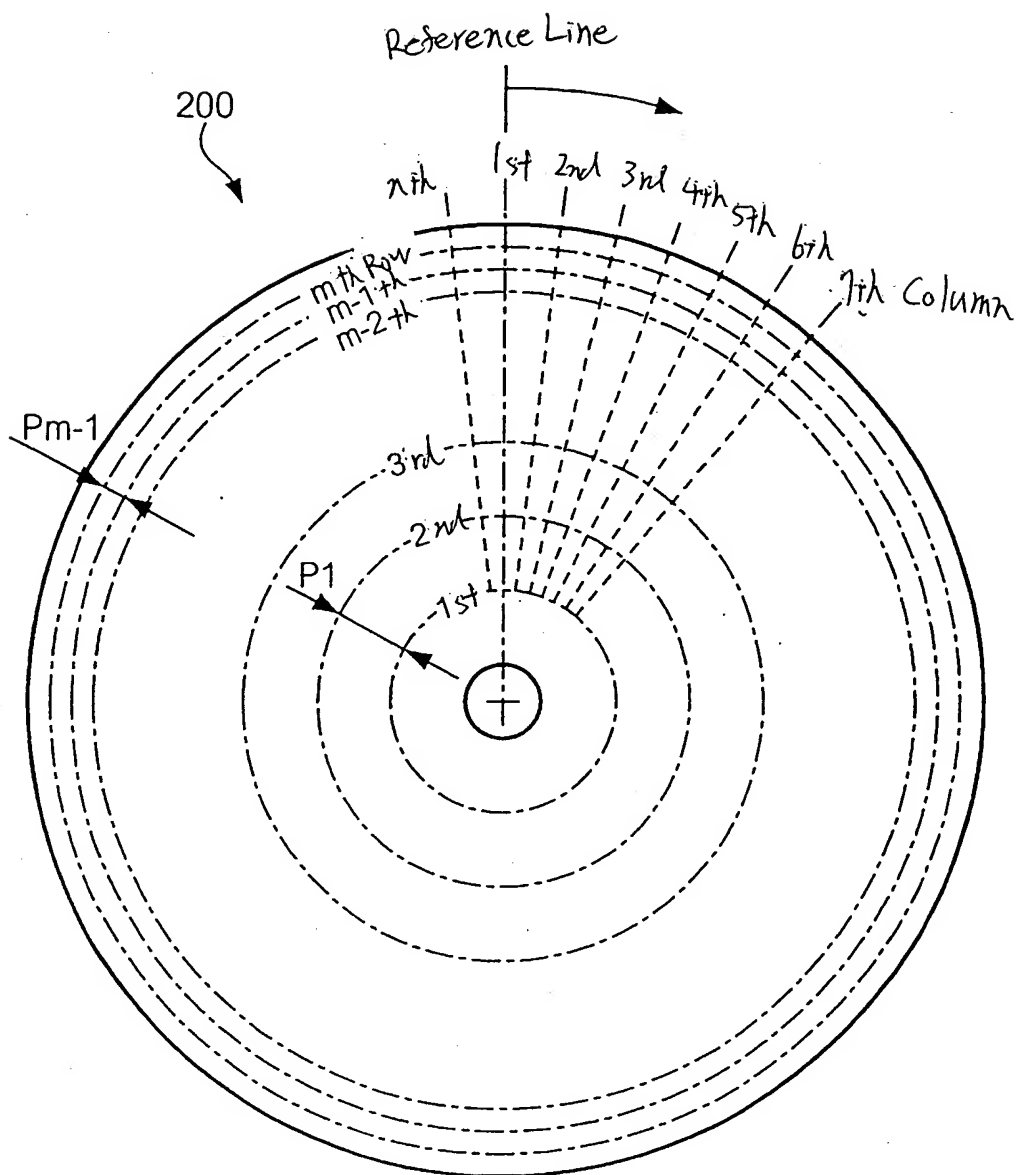
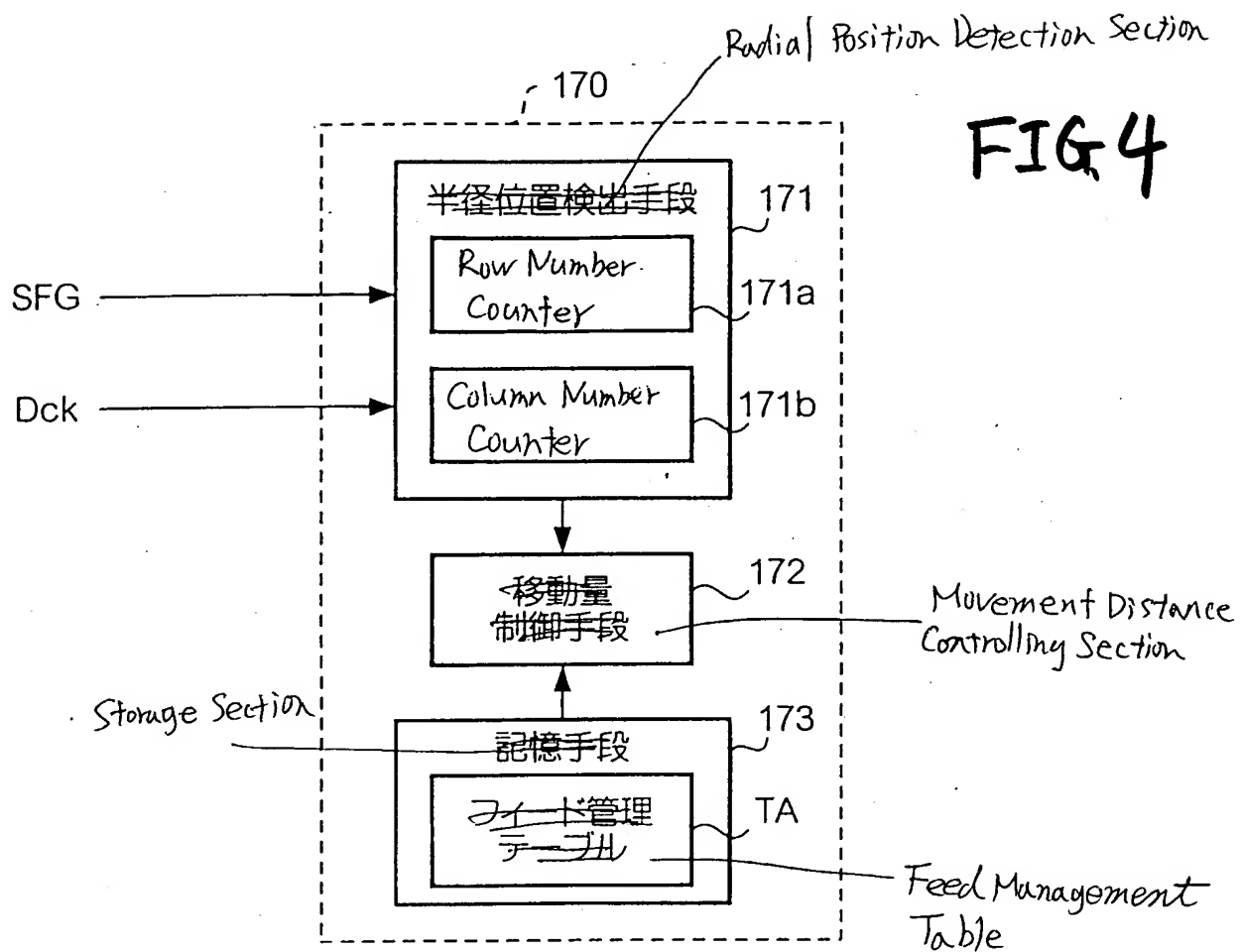


FIG. 2



<Label Face>

FIG. 3



<Feed Management Table TA>

Radial Position	Movement Distance
1st → 2nd Row	p1
2nd → 3rd Row	p2(<p1)
⋮	⋮
m-2th → m-1th Row	pm-2(<pm-3)
m-1th → mth Row	pm-1(<pm-2)

**FIG. 5**

FIG. 6A

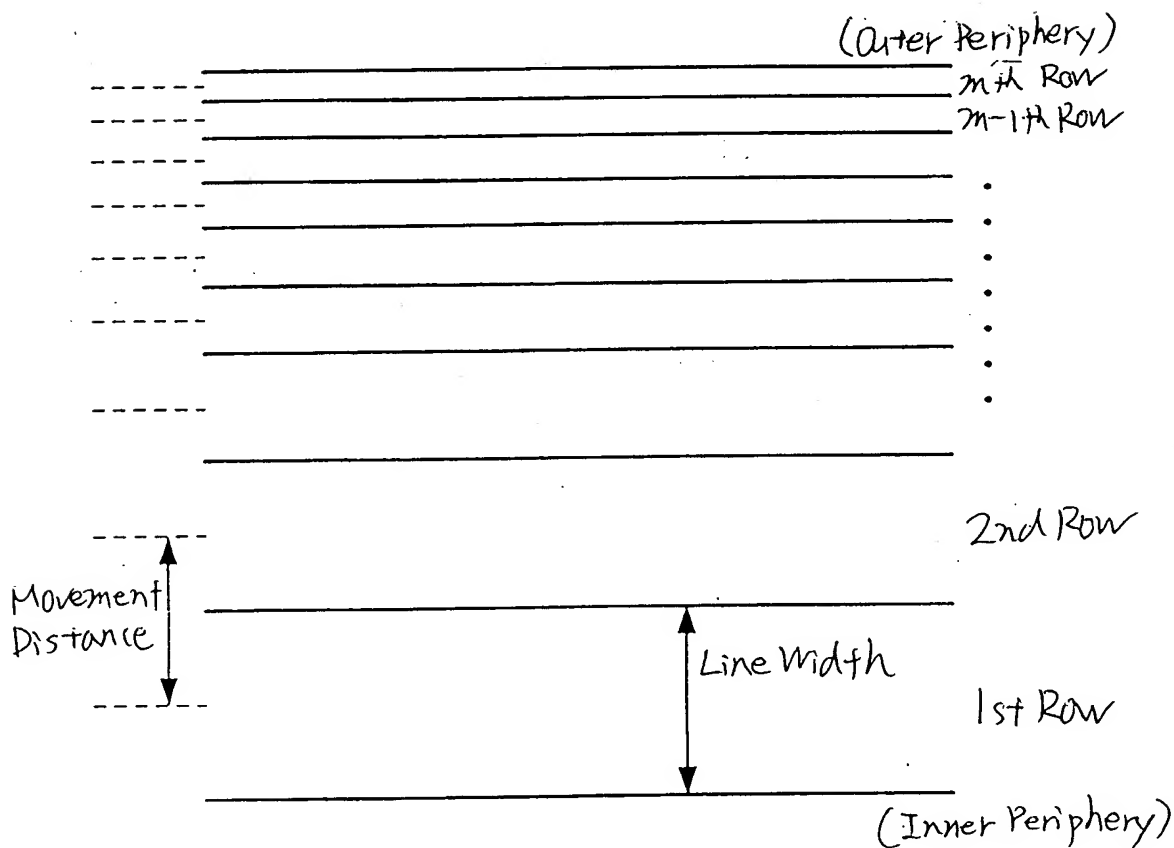
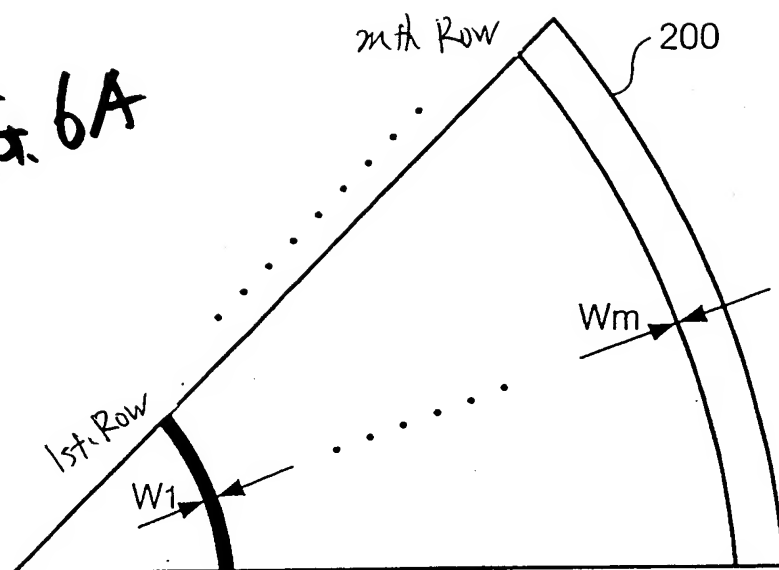


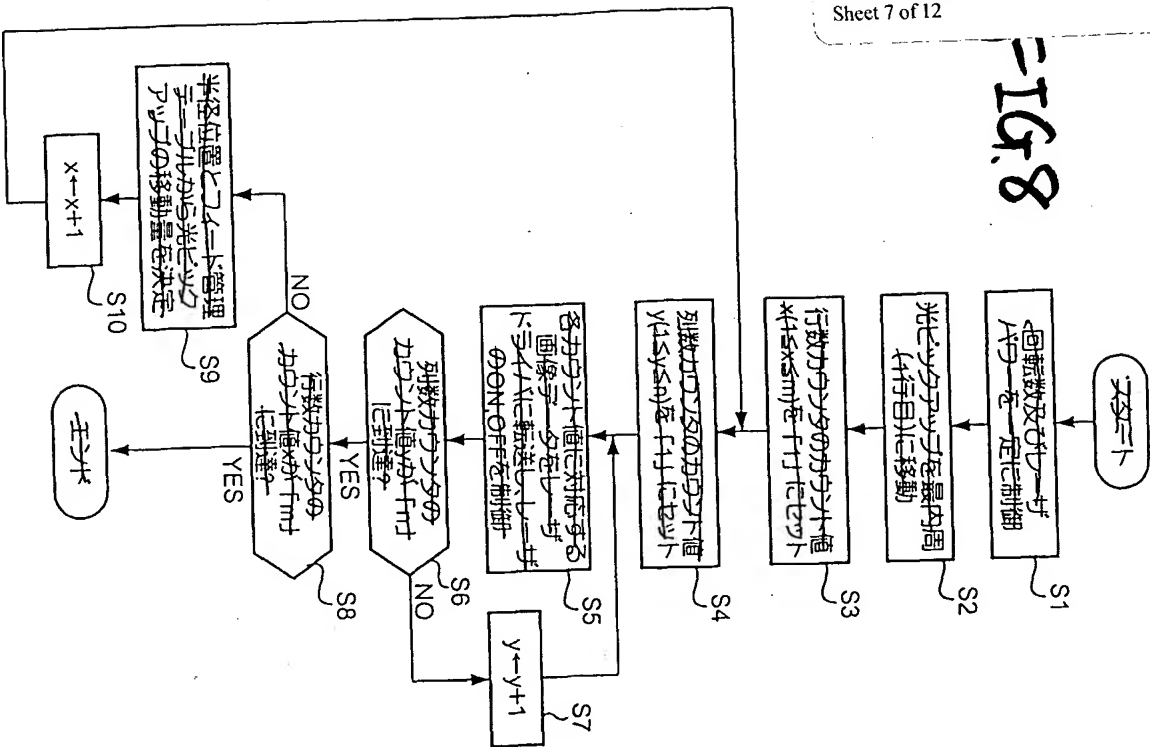
FIG. 6B

Image Data

	1st Column	2nd Column	3rd Column	...	$n-1$ th Column	$n$ th Column
1st Row	ON	OFF	ON	...	ON	OFF
2nd Row	OFF	OFF	OFF	...	OFF	OFF
3rd Row	ON	ON	OFF	...	OFF	ON
...	...	...	...	...	...	...
$n-1$ th Row	OFF	ON	ON	...	ON	ON
$n$ th Row	ON	OFF	OFF	...	OFF	ON

FIG. 7

FIG. 8



START

S1 CONTROL ROTATION NUMBER AND LASER POWER TO BE CONSTANT

S2 MOVE OPTICAL PICKUP TO INNERMOST PERIPHERY (1ST ROW)

S3 SET COUNT VALUE  $x$  ( $1 \leq x \leq m$ ) OF ROW NUMBER COUNTER TO "1"

S4 SET COUNT VALUE  $y$  ( $1 \leq y \leq n$ ) OF COLUMN NUMBER COUNTER TO "1"

S5 TRANSFER IMAGE DATA CORRESPONDING TO COUNT VALUES TO LASER DRIVER, TO CONTROL ON AND OFF OF LASER

S6 COUNT VALUE  $y$  OF COLUMN NUMBER COUNTER REACHES "n"?

S8 COUNT VALUE  $x$  OF ROW NUMBER COUNTER REACHES "m"?

S9 DETERMINE MOVEMENT DISTANCE OF OPTICAL PICKUP FROM RADIAL POSITION AND FEED MANAGEMENT TABLE

END

FIG. 9

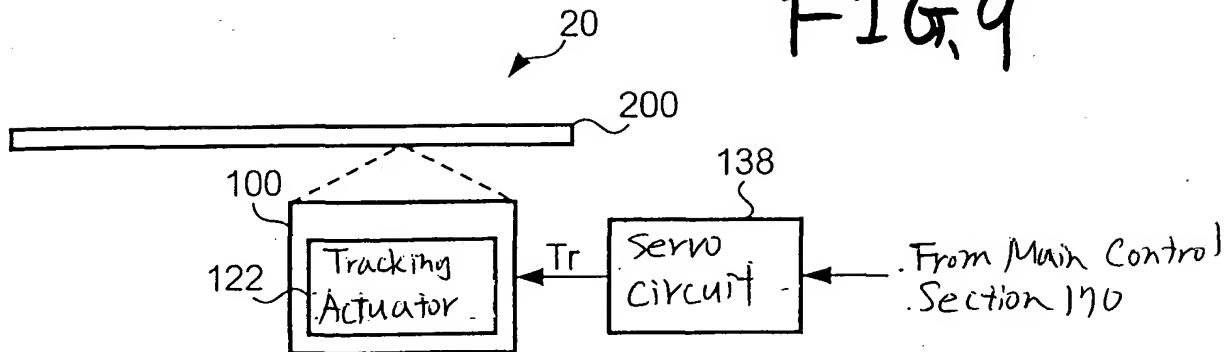
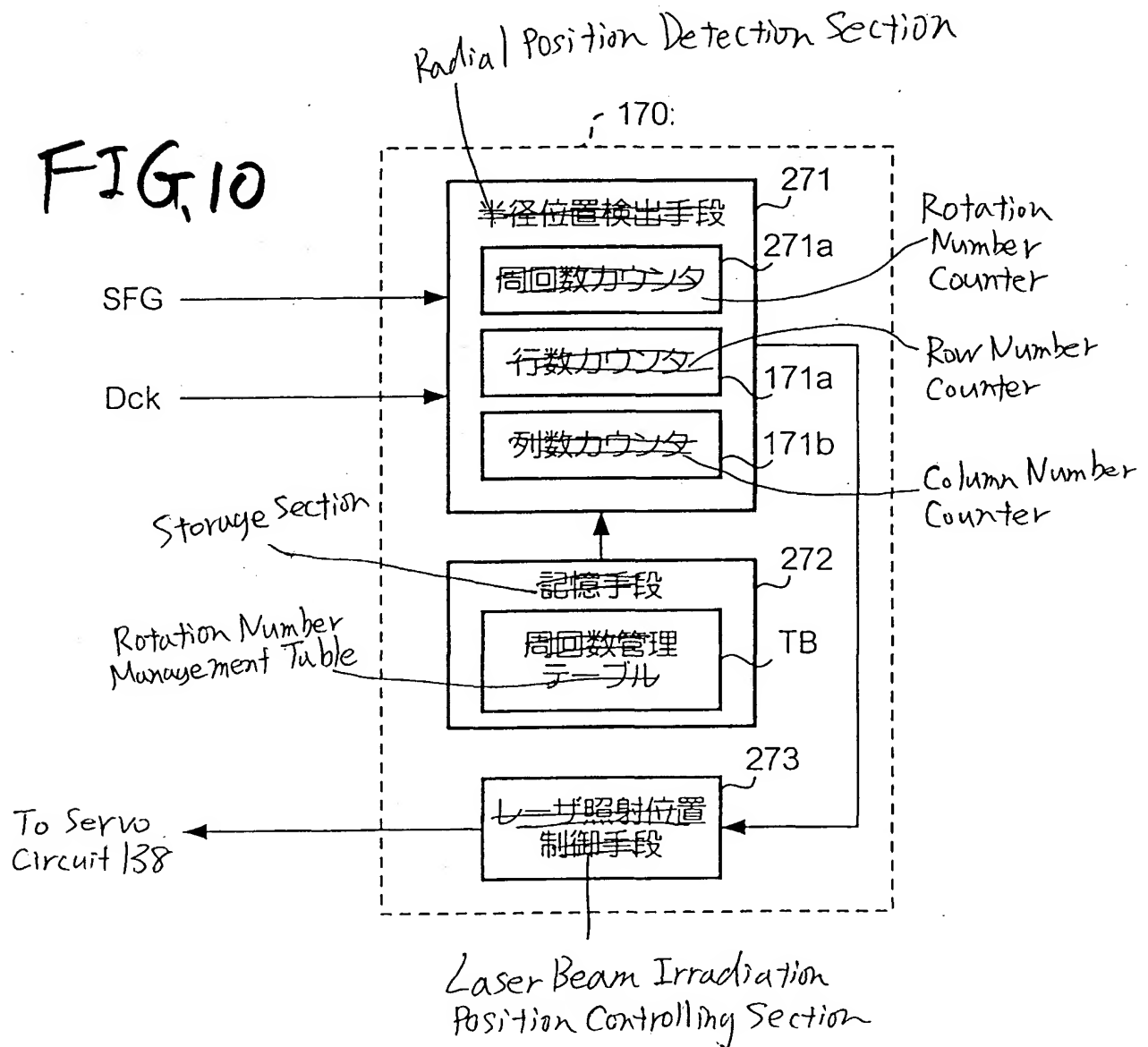


FIG. 10





<Rotation Number Management Table TB>

Radial Position	Number of Rotation
1st Row	1 Rotation
2nd Row	2 Rotations
3rd Row	3 Rotations
⋮	⋮
$m-1$ th Row	$m-1$ Rotations
$m$ th Row	$m$ Rotations

FIG. 11

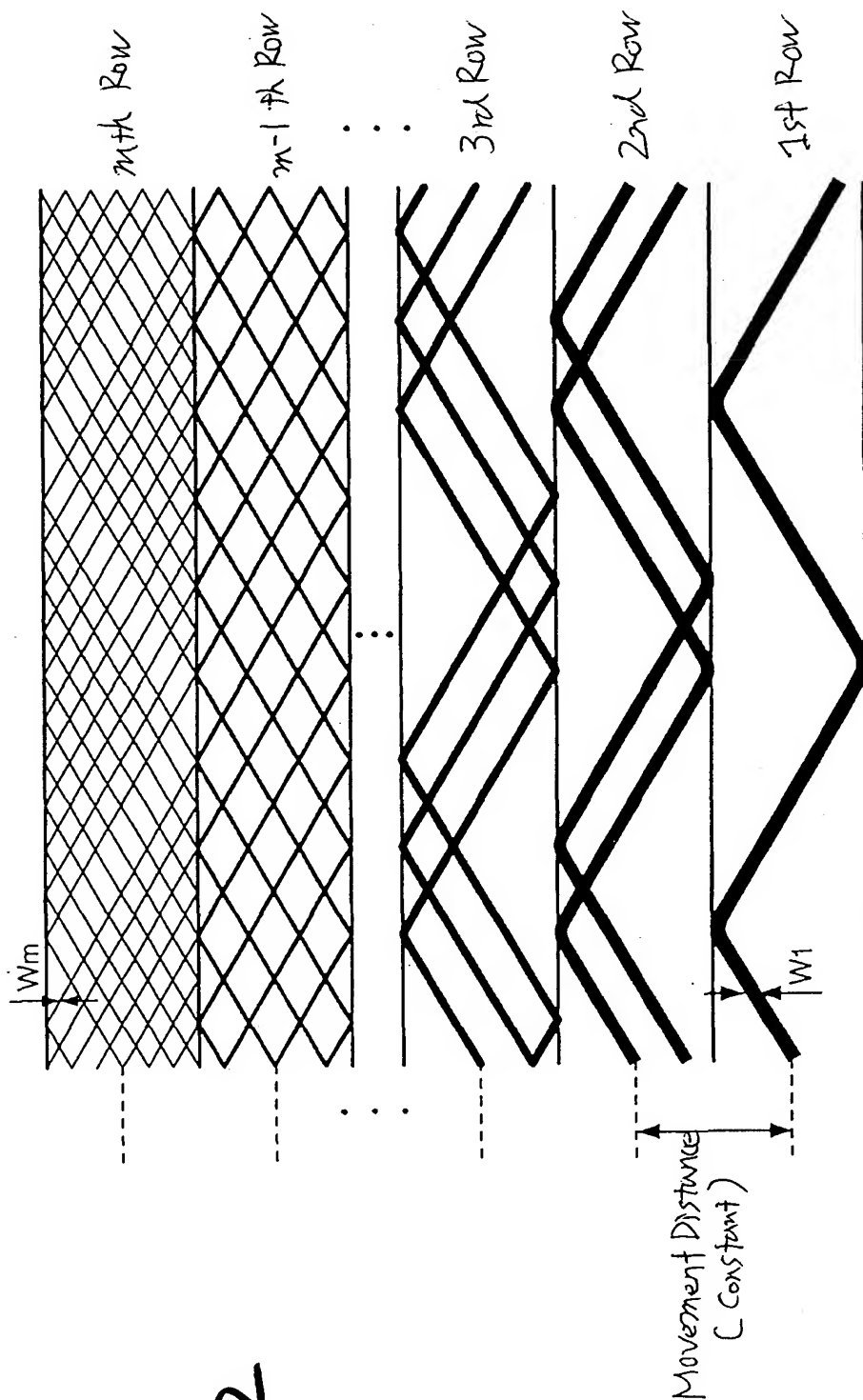


FIG. 12

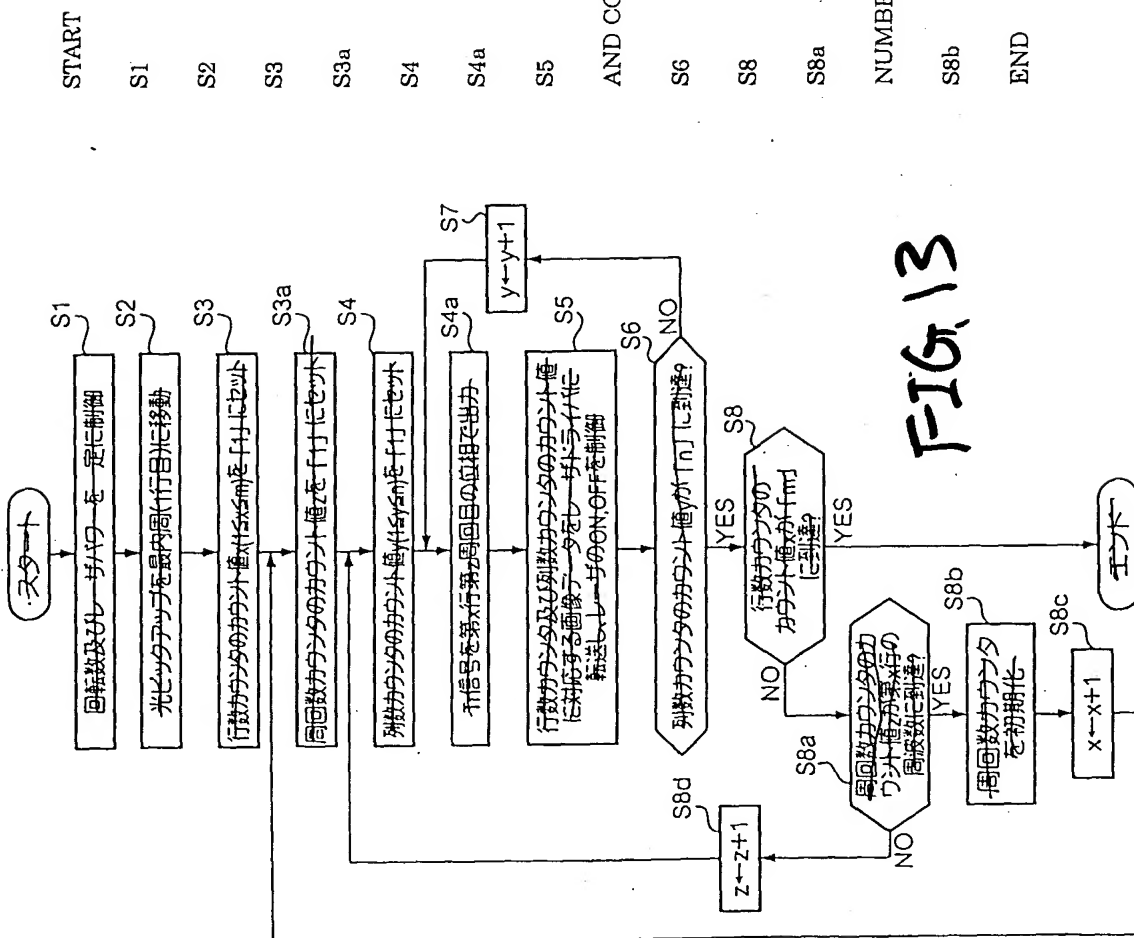


FIG. 13

START

S1 CONTROL ROTATION NUMBER AND LASER POWER TO BE CONSTANT

S2 MOVE OPTICAL PICKUP TO INNERMOST PERIPHERY (1ST ROW)

S3 SET COUNT VALUE  $x$  ( $1 \leq x \leq m$ ) OF ROW NUMBER COUNTER TO "1"

S3a SET COUNT VALUE  $z$  OF ROTATION NUMBER COUNTER TO "1"

S4 SET COUNT VALUE  $y$  ( $1 \leq y \leq n$ ) OF COLUMN NUMBER COUNTER TO "1"

S4a OUTPUT SIGNAL  $T_r$  AT PHASE OF  $x$ -TH ROW AND  $z$ -TH ROTATION

S5 TRANSFER IMAGE DATA CORRESPONDING TO COUNT VALUES OF ROW AND COLUMN COUNTERS TO LASER DRIVER, TO CONTROL ON AND OFF OF LASER

S6 COUNT VALUE  $y$  OF COLUMN NUMBER COUNTER REACHES "n"?

S8 COUNT VALUE  $x$  OF ROW NUMBER COUNTER REACHES "m"?

S8a COUNT VALUE  $z$  OF ROTATION NUMBER COUNTER REACHES ROTATION NUMBER OF  $x$ -TH ROW?

S8b INITIALIZE ROTATION NUMBER COUNTER

END

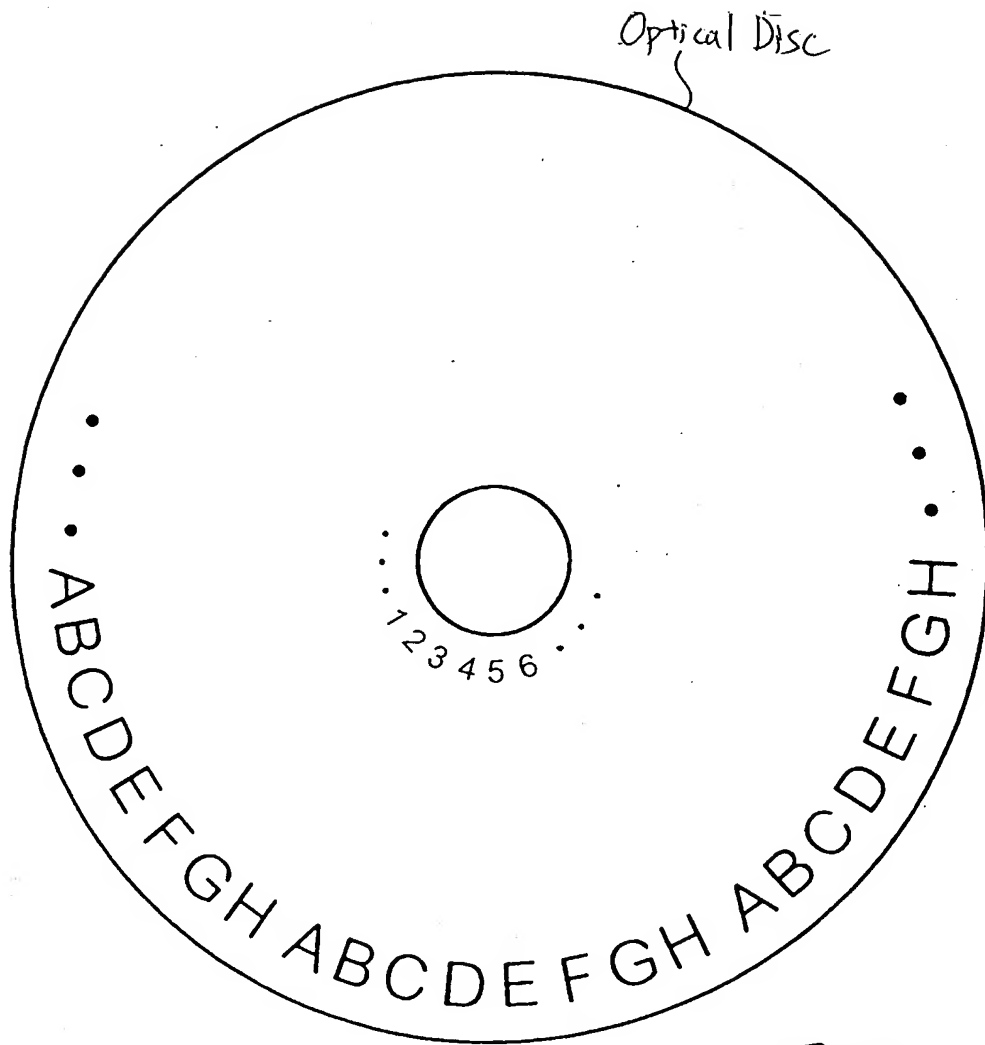


FIG. 14